

# Tech Hotline

No. 0406-C

## 130D Stolit for Enhanced Performance of Dark or Vibrant Color Textured Finishes

Dark or vibrant color textured finishes are sometimes specified over EIFS, stucco, concrete, and masonry substrates. 130D Stolit is a superior product formulation for these type colors especially when considering resistance to fading. It should be used in lieu of 130 Stolit, 310 Essence, 136 StoSilco Lit, or any fine textured competitive finish. Examples of colors where 130D Stolit should be used are Wal-Mart Red and Blue. These and similar dark or vibrant colors typically must use organic colorants to obtain the desired color. Unfortunately organic colorants are more prone to fading than colors that use inorganic colorants. To optimize resistance to fading for these and similar vibrant colors Sto Corp. developed 130D Stolit.

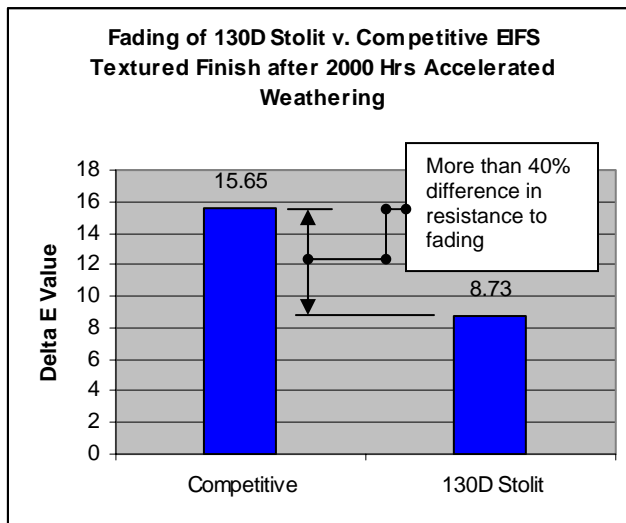


Wal-Mart Red (vibrant color)



Wal-Mart Blue (dark color)

Figure 1 below illustrates a dramatic difference in fading between 130D Stolit and a competitive EIFS textured finish as well as improved physical performance.



**130D Stolit v. Competitive EIFS Textured Finish after 2000 Hrs Accelerated Weathering**

Product	Whitening	Chalking	Cracking
Competitive	5	8	8
130D	9	9	8

Based on scale of 1-10, higher numbers indicate better color retention and surface integrity

Figure 1: The higher Delta E value indicates a greater degree of fading. Resistance to chalking and whitening is also superior with 130D Stolit. Samples were weathered in accordance with ASTM G 155, *Standard Practice for Operating Xenon Arc Light Apparatus for Exposure of Non-Metallic Materials*.

In addition to these benefits 130D Stolit can generally be tinted for the same or lower cost than 130 Stolit to achieve the same color, and it has excellent abrasion and mar resistance.



130D Stolit is a 1.0mm texture. For best results surfaces should be primed with Sto Primer, or Sto Hot Prime if a high alkaline surface condition exists, such as occurs with freshly placed stucco or concrete. In addition, care should be taken to avoid the use of dark color finishes with a lightness value of less than 20 on EIFS unless restricted to minor areas such as accent bands or areas in permanent shade.

Some examples of where 130D Stolit can be used effectively to create a vibrant appearance and a uniform, lasting color are:

- Fascias
- Corporate colors
- Signage
- Accents
- Interiors

In summary, when specifying or selecting dark or vibrant textured finish colors, 130D Stolit is the best product choice from the standpoint of economy, visual appeal, and long term performance.